

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TAKEUCHI et al. Examiner: unknown
Serial No.: unknown Group Art Unit: unknown
Filed: Concurrent herewith Docket: 14434.0103USWO
Title: FIELD-EFFECT TRANSISTOR, METHOD OF MANUFACTURING
THE SAME, AND ELECTRONIC DEVICE USING THE SAME

CERTIFICATE OF TRANSMISSION

I hereby certify that the papers listed below are being transmitted by EFS Web to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on OCTOBER 4, 2006.

By: 

Name: NICOLE LANDREE

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):
JP 2000-260999 corresponds to U.S. 6,180,956.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &
LARSON, P.C.

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Dated: October 4, 2006

By: 

Douglas P. Mueller

Reg. No. 30,300

DPM:nel

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14434.103USWO	Application Number: UNKNOWN
	Applicant: TAKEUCHI et al.	
	Filing Date: concurrent herewith	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2005/0079659	4.14.05	DUAN et al.				
	2005/0056828	3.17.05	WADA et al.				
	6,108,956	1.30.2001	CHONDROUDIS et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2004/032193	15.04.2004	WIPO				
	2004-111870	2004.04.08	JP			ABSTRACT	
	2004-067413	2004.03.04	JP			ABSTRACT	
	2000-260999	2000.09.22	JP			SEE IDS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Duan et al., High-performance thin-film transistors using semiconductor nanowires and nanoribbons, Nature Vol. 425, September 18, 2003, pp. 274-278 *					
		Morales et al., A laser ablation method for the synthesis of crystalline semiconductor nanowires, Science Vol. 279, January 9, 1998, pp. 208-211 *					
		Lew et al., Growth characteristics of silicon nanowires synthesized by vapor-liquid-solid growth in nanoporous alumina templates, Journal of Crystal Growth Vol. 254, 2003, pp. 14-22 *					
		Greytak et al., Growth and transport properties of complementary germanium nanowire field-effect transistors, Applied Physics Letters Vol. 84, No. 21, May 24, 2004, pp. 4176-4178 *					

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	